

King County DNRP Water Quality Index

STATION **LSIN9** WATER YEAR **2018**

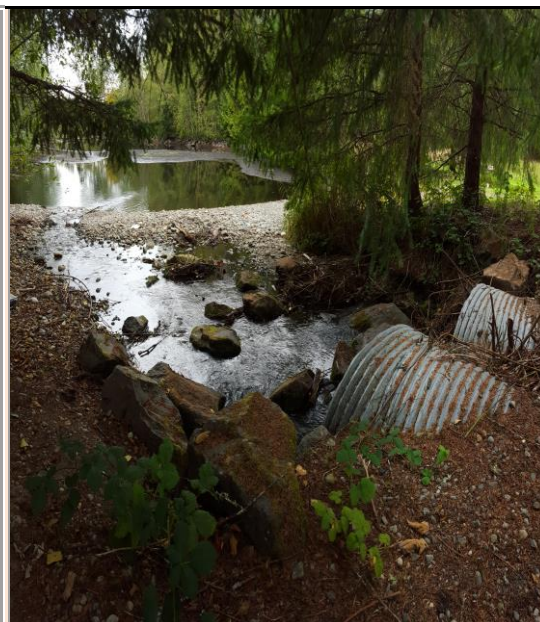
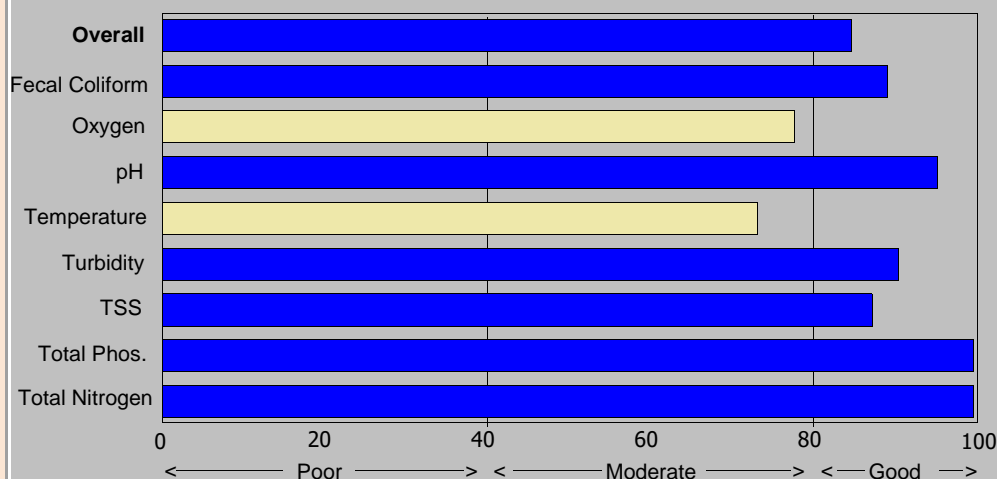
GAUGE # **09d** **Ravensdale Creek (Lake Sawyer Inflow #3)**

Overall Index **85**

King County monitors water quality in Ravensdale Creek at station LSIN9, which is located near the mouth of the creek where it crosses SE 312th Street. Monthly monitoring began at this site in 2014. Ravensdale Creek is a major tributary to Lake Sawyer flowing from Ravensdale Lake through the Henry's Ridge Natural Area and the Black Diamond Natural Area before entering the southeastern portion of the lake in the Lake Sawyer Regional Park. Coho salmon travel through Lake Sawyer on their way to spawning grounds in the Ravensdale and Rock Creek systems. The creek is on the Washington State Department of Ecology's 303(d) list, Category 5, for violations of temperature standards. Ravensdale Creek is also listed for bioassessment scores that indicate that biological integrity is degraded.

Annual Water Quality Index Scores

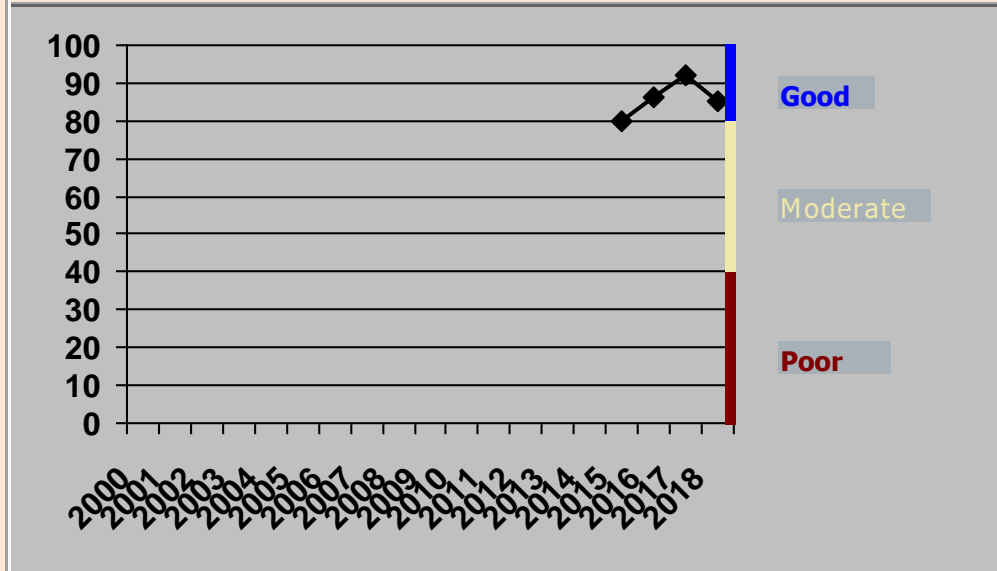
Water quality was GOOD based on data collected 10/1/2017 to 9/30/2018.



Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
81	98	100	98	98	98	97	91	91	82	93	94

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>